QUESTIONS/COMMENTS FROM INDUSTRY ON THE FINAL RFP FOR THE WEST VALLEY PHASE 1 DECOMMISSIONING – FACILITY DISPOSITION PROCUREMENT AND THE GOVERNMENT'S RESPONSES

No.	Final RFP Section	Industry Question/Comment	Government Response
321.		What are the ground load bearing limits for the haul path to the cask storage area on the south plateau?	Past WVDP evaluations assumed 32,000 lbs. per axle as the limitation for a transport vehicle to move canisters along the haul route to the proposed canister storage site. Vehicles heavier than 32,000 lbs. per axle could possibly be used but structural improvements would likely be needed in the areas surrounding existing culvert crossings. The actual ground load bearing limits for the haul path to the cask storage area on the south plateau will need to be determined by the Contractor as the previous evaluations are provided for information only.
322.	Section C.6.1	Please identify the source of the alarms, the number of alarms, the type(s) of alarm and the type(s) of monitoring information that are currently provided by the alarms in the MPPB office area so we can relocate these monitors appropriately prior to demolition of the MPPB office structure.	See answer below. The PSO Shift Office is in the MPPB.
323.	Section J, Attachment J-3	We note that the RFP does not contain any deliverables in Section J, Attachment J-3 relating to the key decisions process for new projects as defined in DOE O 413.3A. We take this to mean that DOE O 413.3A does not apply to the HLW Canister Storage project (RFP Section C.5.0). Is this a correct interpretation?	No, DOE O 413.3B, which was issued on 11/29/10 and replaces DOE O 413.3A, will apply to all Capital Asset Projects (and operations, on a graded approach) within the scope of the West Valley Demonstration Project Phase 1 Decommissioning- Facilities Disposition contract. As such, the Contractor will be expected to provide documentation in accordance with the requirements found in DOE O 413.3B to facilitate the Critical Decision process.
324.	Section C	We have searched the reference data and have not found the following information on the two 30 gallon drums located in the CPC. These two drums contain, according to Activity 5.0, HLW Canister Storage Spent Nuclear Fuel debris. Please provide the following 1. How much SNF is in each drum? 2. Is the content only debris or is there any other material in the drum (e.g. concrete or grout)? 3. What are the characteristics of the SNF? Type of fuel? 4. What is the radioactivity level of each canister at the surface? 5. What is the thermal load?	1. This information is unknown 2. The two thirty-gallon drums contain damaged SNF debris 3. This information is unknown 4. The dose rate on one drum (HEC-142) is ~256 R/h and the other (HEC-097) is ~881 R/h 5. This information is unknown 6. This information is unknown 7. Yes 8. No 9. Closure clamps with ears on the side 10. HEC-142 = 120 lbs. and HEC-097 = 220 lbs.

No.	Final RFP Section	Industry Question/Comment	Government Response
		6. What is the surface temperature of drums? 7. Are the drums vented? 8. Has the material been stabilized? 9. What is the configuration of the drum hardware for lifting? 10. What is the weight for each drum?	
325.	Resubmittal of previous comments/ questions Section C	In Clause C.6.2/Facility Starting Conditions, the section similarly needs more detail so we can fully and accurately estimate the cost of the removal of the Vitrification Facility.	See answer below.

Answer for #322:

Current WVDP Operations Alarms

Facility Monitored	Description of alarms monitored	Monitoring locations
Vitrification Facility	Alarms associated with Ventilation HEPA filter DPs, stack monitoring equipment, sump levels, off-gas trench level, Vit electrical distribution, and Data Control System components. Approximately 75 alarms	VPCR, PSO Shift Office, alarms in gatehouse via Keltron system
RHWF	Alarms associated with Ventilation HEPA filter DPs, stack monitoring equipment, sump levels, tank levels, and RHWF electrical distribution. Area Rad alarms as well. Approx 150 alarms	RHWF, PSO Shift Office, alarms in gatehouse via Keltron system
01-14	PSO Shift Office, alarms in gatehouse via Keltron system. Approximately 25 alarms	01-14 control room, VPCR, PSO Shift Office, alarms in gatehouse via Keltron system
MPCR	Alarms associated with Ventilation HEPA filter DPs, stack monitoring equipment, sump levels, off-gas trench level, and supply air unit operation. Approximately 25 alarms	PSO Shift Office, alarms in gatehouse via Keltron system
Fire systems	All operable fire systems are equipped for local annunciation. With the exception of the MPPB stairwells they are tied into Keltron system. Approximately 75 alarms	Alarms in gatehouse via Keltron system
LLW2	Process control monitoring for LLW2 and NPPTS (IX column dp's, pump pressure, berm level). Approximately 30 alarms	LLW2 Control area, Alarms in gatehouse via Keltron system
Utility Room	Plant water system process control, MPPB electrical distribution, Steam system, compressed air. Approximately 40 alarms	In Utility room, MPCR, alarms in gatehouse via Keltron system
WTF	PVS ventilation system filter DP's and associated alarms. T&V drying system alarms. Approximately 30 alarms	PSO Shift Office, alarms in gatehouse via Keltron system

Answer for #325:

Vitrification Facility Contract Beginning Conditions

Area	Window	Liner	Remaining Equipment (see note 1)	Asbestos	RCRA Hazardous	Radiological
Vitrification Cell	yes (6)	yes	Manipulators (2 at each of the 6 windows, possibly 2 spares outside of cell), in-cell lighting, cameras 3, BROKK 330 (saw, shear, and combination tool attachments), Predator robotic arm, down draft table, plasma cutter, Nitrocision Wip tubes and end effector tools, table for tooling, three raised floor platforms	none	see note 2	HCA, VHRA, Air
Vit Cell Crane Maintenance Room	yes (1)	no	In-cell crane & manipulator	none	see note 2	HCA, HRA, Air
Vit Cell Crane Maintenance Room Operating Aisle	yes (1) (same as above)	no	Crane monitoring console	none	see note 2	RBA
Remainder of Vitrification Facility	yes (1, sample station)	no	Some glove boxes to support sampling, Motor Control Center #3 which provides power to Vit Hill Buildings	none	see note 2	Some CA, some contaminated piping
Notes:						
1. All equipment listed above will be operable. There may also be other equipment such as radiological monitors.						
2. Some commercial hazardous inventory (e.g., lights, PCB ballasts, batteries, lead, and printed circuit boards) may remain in some of areas of the Vitrification Facility. Accessible Hazardous materials (not incorporated into operable systems) will be removed.						

Acronyms and Terms:

Air	Airborne Contamination Area
HCA	High Contamination Area
HRA	High Radiation Area
Operable	Either operational or can be made so by completion of required maintenance
RBA	Radiation Buffer Area
VHRA	Very High Radiation Area